

Docket:

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION OR CIP)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATIONThis declaration is of the following type: *(check one applicable item below)*

- ☒ original
☐ design
☐ supplemental

Note: If the Declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.

- ☒ national stage of PCT

Note: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR CIP.

- ☐ divisional
☐ continuation
☐ continuation-in-part (CIP)

INVENTORSHIP IDENTIFICATION

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TITLE OF INVENTION

DIGITAL TELEVISION TRANSMITTER AND RECEIVER FOR TRANSMITTING AND
RECEIVING DUAL STREAM USING 4 LEVEL VESTIGIAL SIDE BAND ROBUST DATA

SPECIFICATION IDENTIFICATION

the specification of which: *(complete (a), (b) or (c))*

☐ (a) is attached hereto.

☐ (b) was filed on _____ as ☐ Serial No. _____.

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☒ (c) was described and claimed in PCT International Application No. PCT/KR2003/002918 filed on 30/12/2003 and as amended under PCT Article 19 on _____
(if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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☐ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

☐ in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

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☐ (d) no such applications have been filed.

☒ (e) such applications have been filed as follows.

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**PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)**

COUNTRY (OR INDICATE IF PCT	APPLICATION NUMBER	DATE OF FILING (day/month/year)	PRIORITY CLAIMED UNDER 35 USC 119
Republic of Korea	10-2003-0000512	01/06/2003	<input checked="" type="checkbox"/> YES NO <input type="checkbox"/>
Republic of Korea	10-2003-0099109	12/29/2003	<input checked="" type="checkbox"/> YES NO <input type="checkbox"/>

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. § 119(e))**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE

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POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (*list name and registration number*).

Richard J. Streit, 25765; Donald P. Reynolds, 26220; W. Dennis Drehkoff, 27193; Vangelis Economou, 32341; Brian W. Hameder, 45613; Valerie Neymeyer-Tynkov, 46956; Edward J. Chalfie, 29370; W. William Park, 55523; Peter D. Galloway, 27885; John Richards, 31503; Richard P. Berg, 28145; Clifford Mass, 30086; Janet Cord, 33778

SEND CORRESPONDENCE TO:

Richard J. Streit
c/o Ladas & Parry
224 South Michigan Avenue
Suite 1200
Chicago, Illinois 60604
Customer Number 26530

DIRECT TELEPHONE CALLS TO:

(*Name and telephone number*)

(312) 427-1300

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Note: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

Full name of sole or first inventor

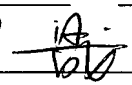
Sung-Hoon

(Given Name)

(Middle Initial or Name)

KIM

(Family (or Last) Name)

Inventor's signature 

Date 21/04/2006

Country of Citizenship Republic of Korea

Residence Daejeon, Korea

Post Office Address #210-206 Samsung Narumae Apt., Gajang-dong, Seo-gu

Daejeon 302-726, Republic of Korea

Full name of sole or second inventor

Kum-Ran (Given Name) JI (Middle Initial or Name) JI (Family (or Last) Name)

Inventor's signature _____

Date _____ **Country of Citizenship** Republic of Korea

Residence Jeollanam-do, Korea

Post Office Address 167, Manyeon-ri, Hwasun-eup, Hwasun-gun, Jeollanam-do 519-806
Republic of Korea

Full name of sole or third inventor

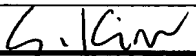
Seung-Won (Given Name) _____ (Middle Initial or Name) KIM (Family (or Last) Name)

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Date 21/04/2006 **Country of Citizenship** Republic of Korea

Residence Daejeon, Korea

Post Office Address #109-1804 Narae Apt., Jeonmin-dong, Yuseong-gu,
Daejeon 305-729, Republic of Korea



Full name of sole or fourth inventor

Chieteuk (Given Name) _____ (Middle Initial or Name) AHN (Family (or Last) Name)

Inventor's signature _____

Date 21/04/2006 **Country of Citizenship** Republic of Korea

Residence Daejeon, Korea

Post Office Address #208-603 Expo Apt., Jeonmin-dong, Yuseong-gu,
Daejeon 305-761, Republic of Korea

Full name of sole or fifth inventor

Young-Hoon (Given Name) _____ (Middle Initial or Name) SHIM (Family (or Last) Name)

Inventor's signature _____

Date _____ **Country of Citizenship** Republic of Korea

Residence Seoul, Korea

Post Office Address 36-50, Eungam-dong, Eunpyeong-gu, Seoul 122-905
Republic of Korea

Full name of sole or sixth inventor

Dae-Jin KIM
(Given Name) (Middle Initial or Name) (Family (or Last) Name)

Inventor's signature _____

Date _____ **Country of Citizenship** Republic of Korea

Residence Gwangju, Korea

Post Office Address Chonnam National University, 300, Yongbong-dong, Buk-gu
Gwangju 500-757, Republic of Korea

Full name of sole or seventh inventor

Young-Ho OH
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Full name of sole or first inventor

Sung-Hoon

(Given Name)

KIM

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Inventor's signature

Date

Country of Citizenship

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Full name of sole or first inventor

<u>Sung-Hoon</u>	<u></u>	<u>KIM</u>
(Given Name)	(Middle Initial or Name)	(Family (or Last) Name)

Inventor's signature _____

Date _____ **Country of Citizenship** Republic of Korea

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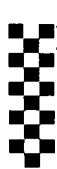
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PATENT

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INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

DIGITAL TELEVISION TRANSMITTER AND RECEIVER FOR TRANSMITTING AND
RECEIVING DUAL STREAM USING 4 LEVEL VESTIGIAL SIDE BAND ROBUST DATA

Page 1

SPECIFICATION IDENTIFICATION

the specification of which: *(complete (a), (b) or (c))*

☐ (a) is attached hereto.

☐ (b) was filed on _____ as ☐ Serial No. _____

Note: Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the Declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental Declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

☒ (c) was described and claimed in PCT International Application No. PCT/KR2003/002918 filed on 30/12/2003 and as amended under PCT Article 19 on _____
(if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following item s, if desired)

☐ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

☐ in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

☐ (d) no such applications have been filed.☒ (e) such applications have been filed as follows.

Note: Where Item (c) is entered above and the international application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

**PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)**

COUNTRY (OR INDICATE IF PCT	APPLICATION NUMBER	DATE OF FILING (day/month/year)	PRIORITY CLAIMED UNDER 35 USC 119
Republic of Korea	10-2003-0000512	01/06/2003	<input checked="" type="checkbox"/> YES NO <input type="checkbox"/>
Republic of Korea	10-2003-0099109	12/29/2003	<input checked="" type="checkbox"/> YES NO <input type="checkbox"/>

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. § 119(e))**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE

**ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Note: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CIP APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith *(list name and registration number)*.

Richard J. Streit, 25765; Donald P. Reynolds, 26220; W. Dennis Drehkoff, 27193; Vangelis Economou, 32341; Brian W. Hameder, 45613; Valerie Neymeyer-Tynkov, 46956; Edward J. Chalfie, 29370; W. William Park, 55523; Peter D. Galloway, 27885; John Richards, 31503; Richard P. Berg, 28145; Clifford Mass, 30088; Janet Cord, 33778

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DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Note: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

Full name of sole or first inventor

<u>Sung-I loon</u>	<u></u>	<u>KIM</u>
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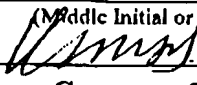
Inventor's signature _____

Date _____ **Country of Citizenship** Republic of Korea


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Full name of sole or sixth inventor

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Full name of sole or seventh inventor

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Inventor's signature 
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